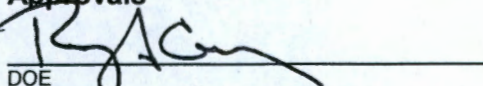
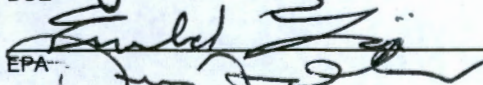
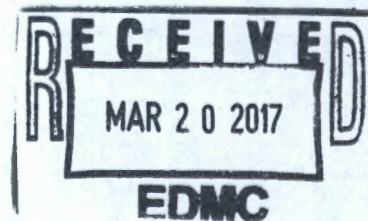


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Change Number M-16-16-05	Federal Facility Agreement and Consent Order Change Control Form <small>Do not use blue ink. Type or print using black ink.</small>	Date 2/2/2017
Originator R.J. Corey		Phone (509) 376-0108
Class of Change <input type="checkbox"/> I - Signatories <input checked="" type="checkbox"/> II - Executive Manager <input type="checkbox"/> III - Project Manager		
Change Title Extension of Interim Milestone M-016-193 by One Year		
Description/Justification of Change This change package extends the due date of Interim Milestone M-016-193 by one year. Evaluation of groundwater data from the southeast chromium plume investigation wells requires the wells to recover from reducing conditions caused during drilling. Groundwater conditions are expected to recover within a year of drilling. The first set of 6 southeast chromium plume characterization wells is scheduled to be completed by March 2017. The collection and analysis of quarterly samples from these wells is scheduled to be completed by January 2018, with the evaluation of the data following. A one year extension is needed to accommodate this recovery period. <i>Continued on page 2</i>		
Impact of Change Extend Interim Milestone M-016-193 by one year. This change does not affect Major Milestone M-016-00.		
Affected Documents The Hanford Federal Facility Agreement and Consent Order, as amended, and Hanford Site internal planning management, "200-UP-1 Groundwater Operable Unit and Remedial Design/Remedial Action Work Plan" DOE/RL-2013-07 Rev. 0, and budget documents (e. g., USDOE and USDOE contractor Baseline Change Control documents, Project Management Plans).		
Approvals <div style="display: flex; justify-content: space-between;"> <div>  DOE </div> <div> 2/16/17 <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved <small>Date</small> </div> </div> <div style="display: flex; justify-content: space-between;"> <div>  EPA </div> <div> 2/16/17 <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved <small>Date</small> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> NA Ecology </div> <div> _____ <small>Date</small> </div> <div> _____ Approved _____ Disapproved </div> </div>		Page 1 of 2



Three of the six characterization wells have been completed, as well as, groundwater sampling of nearby existing monitoring wells. Groundwater data collected to date indicate that the chromium plume extends further to the south and east than previously mapped and will require additional characterization wells to further characterize the southeast plume boundary. The first set of 6 southeast chromium plume characterization wells is scheduled to be completed by March of 2017, and the additional set of characterization wells is scheduled to be completed by December of 2017. Quarterly groundwater samples will be collected from the first set of 6 wells, and at least one groundwater sample will be collected from the additional set of wells to support the remedial design investigation. A one year extension is also needed to accommodate the additional characterization wells and sampling. The collection and analysis of quarterly samples from these wells is scheduled to be completed by January 2018, followed by data evaluation and reporting.

Modifications to HFFACO Appendix D, "Milestones and Target Dates Including Designation of Lead Regulatory Agency," are denoted by using ~~strikeout~~ to indicate text deletions and double underline to indicate text additions.

Number	Milestone	Due Date
M-016-193	Complete the remedial design investigation of the southeast chromium plume, including the installation of new wells and evaluation of groundwater monitoring data and install monitoring wells needed for remedy performance monitoring as defined in the 200-UP-1 RD/RA WP.	<u>09/30/2017</u>
Lead <u>Regulatory</u> Agency: EPA		<u>09/30/2018</u>

